



Leibniz Supercomputing Centre, Boltzmannstr. 1, 85748 Garching b. München, Germany

Hugo Oliveira

Garching near Munich, 29 July 2022

Certificate of Attendance

Hugo Oliveira has attended the following five days online course on 25 – 29 July 2022, 10:00 – 16:00 CEST

Deep Learning Week

This 5 days online course combines lectures about Fundamentals of Deep Learning for Single and for Multi-GPUs, Building Transformer-Based Natural Language Processing Applications and Deep Learning on LRZ systems.

The course is co-organised by LRZ and NVIDIA Deep Learning Institute (DLI). Material developed by NVIDIA is supplemented by vendor-neutral material developed by LRZ.

Agenda:

- 1st day: Fundamentals of Deep Learning
- 2nd day: Fundamentals of Deep Learning for Multi-GPUs
- 3rd day: Fundamentals of machine learning for working with texts and Building Transformer-Based Natural Language Processing Applications: Part 1
- 4th day: Fundamentals of machine learning for working with texts and Building Transformer-Based Natural Language Processing Applications: Part 2
- 5th day: Deep Learning on LRZ Systems

Each course day consisted of 4.83 hours of lectures interleaved with many hands-on sessions. The exercises and demos were done on a fully configured GPU-accelerated workstation in the AWS cloud using Jupyter Notebooks and on LRZ AI systems and the LRZ compute cloud.

NVIDIA DLI offers hands-on training for developers, data scientists, and researchers looking to solve challenging problems with deep learning.

The lectures were taught by PD Dr. Juan Durillo Barrionuevo (LRZ and NVIDIA certified University Ambassador).

Dr. Volker Weinberg
Head of Education and Training

